

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
6 October 2005 (06.10.2005)

PCT

(10) International Publication Number
WO 2005/093624 A1

(51) International Patent Classification⁷: **G06F 17/60**

(21) International Application Number:
PCT/KR2005/000812

(22) International Filing Date: 23 March 2005 (23.03.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10-2004-0021017 27 March 2004 (27.03.2004) KR

(71) Applicant and

(72) Inventor: JEON, Min-Cheol [KR/KR]; 221-8, Nambang-Dong, Yangju 482-040 (KR).

(74) Agent: LEE, Noh-Sung; 12F, Seo-Jeon Bldg., 1330-9, Seocho-Dong, Seocho-Gu, Seoul 137-858 (KR).

(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM,

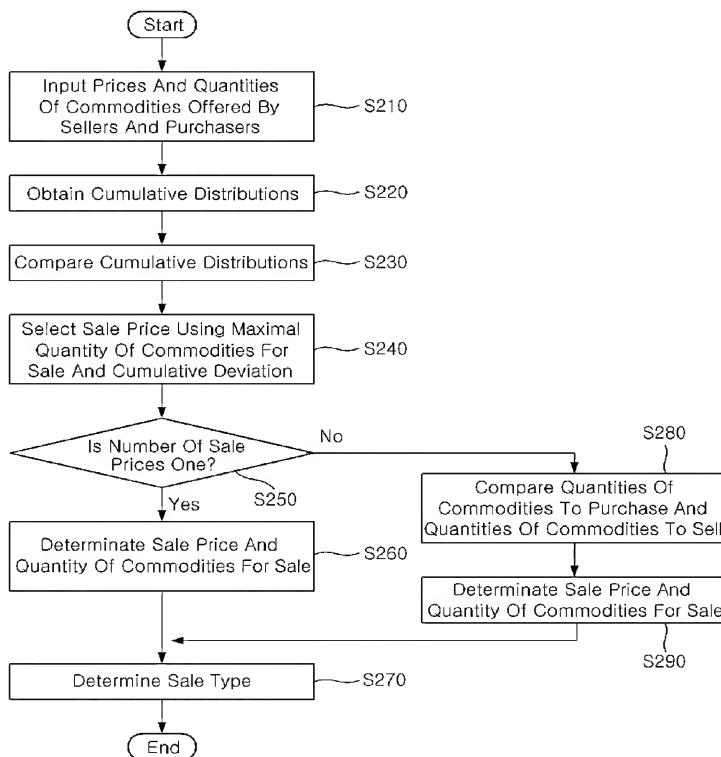
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:
— with international search report

[Continued on next page]

(54) Title: SALE PRICE DETERMINATION METHOD AND SYSTEM USING CUMULATIVE DISTRIBUTIONS ON INTERNET



(57) Abstract: Disclosed herein is a mutual agreement type sale price determination method using cumulative distributions. The sale price determination method includes the steps of storing offered selling prices, desired quantities of commodities to sell, and personal information from the sellers, and offered purchasing prices, desired quantities of commodities to purchase, and personal information from the purchasers; obtaining cumulative distributions of the desired quantities of commodities to sell by arranging the offered selling prices and the desired quantities of commodities to sell in order ranging from a lowest price to a highest price; obtaining cumulative distributions of the desired quantities of commodities to purchase by arranging the offered purchasing prices and the desired quantities of commodities to purchase in order ranging from the highest price to the lowest price; and determining a sale price and the quantities of commodities for sale based on the cumulative distributions of the desired quantities of commodities to sell and purchase.

WO 2005/093624 A1



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.